



INDOOR AIR '87

Thursday, 20 August 1987

17:00 **Break**
17:30 Discussion

15:15 **Symposium, Saal 4/5 (Room 4/5)**

Controls: Source Modification and Air Cleaning

Organizer: D. Grimsrud, Dr., Berkeley (USA)

Chair: J. Sundell, M.Sc., Solna (S)

Presentations (15 min. each):

- Godish T., Rouch J.
Control of Residential Formaldehyde Levels by
Source Treatment
- Nazaroff W.W., Cass G.R.
Mass-Transfer Aspects of Pollutant Removal at
Indoor Surfaces
- Klein C.F., Relwani S.M., Moschandreas D.J.
Evaluation of a Proprietary Detector as an Indoor
Air Quality Sensor
- Relwani S.M., Moschandreas D.J., Billick I.H.
Indoor Air Quality Control Capabilities of
Desiccant Materials
- Kettrup A., Klusmeier W., Ohrbach K.-H.
A New Filter System for Indoor Pollutant Separation
(Particles, Organic and Inorganic Gases)
- Kimmel J.
Performance of Electrostatic Precipitators in
Restaurants
- Sandberg M., Mellin A.
Artificial Electrostatic Fields as Air Cleaning
Systems in Rooms

17:00 **Break**
17:30 Discussion

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15:15 Symposium, Saal 7 (Room 7)

**Microbiological Indoor Pollutants:
Sources, Characterization and Health Effects**

Organizer: H. Rüden, Professor/

H.-J. Moriske, Dr., Berlin (D)

Chair: P. Morey, Dr., Golden Valley (USA)

Presentations (15 min. each):

- Tyndall R.L., Dudney C.S., Hawthorne A.R.,
Jernigan R., Ironside K., Metler P.
Microflora of the Typical Home
- Morey P., Burge H., Chatigny M., Feeley J.,
Kreiss K., Otten J., Peterson K.
Assessment of Non-Pathogenic Bioaerosols in
Indoor Environments
- Yoshizawa S., Irie T., Sugawara F., Ozawa S.,
Kohsaka Y., Matsumae A.
Microbiological Contamination From Air
Conditioning Systems in Japanese Buildings
- Reponen T., Nevalainen A., Raunemaa T.
Airborne Fungal Spore and Bacteria Levels in
Finnish Homes with Different Ventilation Systems
- Holmberg K.
Indoor Mould Exposure and Health Effects
- Jantunen M.J., Nevalainen A., Rytönen A.-L.,
Pellikka M., Kalliokoski P.
The Effect of Humidification on Indoor Air
Fungal Spores Counts in Apartment Buildings
- Finnegan M.J., Pickering A.C., Davies P.S.,
Austwick P.K.C., Warhust D.C.
Amoebae: The Cause of Humidifier Fever?

17:00 Break

17:30 Discussion

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15:15

Poster Session, Saal 6 (Room 6)

Ventilation Effectiveness

Co-Chairpersons:

E. Mayer, Dr., Holzkirchen (D)

M. Sandberg, Dr., Gävle (S)

Presentations (5 min. each):

- Bächlin W.
Pressure Inside Buildings – A Dominant Parameter for Calculating Effective Natural Ventilation
- Fail A., Panzhauser E.
Natural Shaft Ventilation – Measurement, Simulation, Contribution to Basic Ventilation
- Fitzner K.
Air Outlets for Displacement Flow and Their Influence on the Flow Pattern With Various Kinds of Heat Sources
- Hain K., Trümper H.
The Relations of Air Humidity in Dwellings at Different Ventilation Systems (Natural & Mechanical)
- Hanssen S.O., Mathisen H.M.
Sick Buildings – A Ventilation Problem?
- Kubo T., Fujii S., Hayakawa I.
On the Performance of Turbulent Airflow Clean Rooms Based on Airborne Particle Counts in a Model Room
- Narasaki M., Yamanaka T., Higuchi M.
Influence of Turbulent Wind on Ventilation
- Niemelä R., Aalto H., Tossavainen A.
Evaluation of Low-Cost Tracer Techniques for Measuring Air Exchange Rates in Buildings
- Norell L.
Conversion of a Natural Draught Ventilation System to Mechanical Exhaust with Heat Pump – A Case Study
- Olsson H.
Increased Ventilation Efficiency in Rooms
- Vercammen M., Leaderer B.P., Dietz R.N.
Influence of Airflow on the Performance of the Perfluorocarbon Tracer Technique for Measuring Ventilation Rates

16:15

Break

16:45

Discussion at Poster Walls (Area G 2)

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15:15

Poster Session, Saal 8 (Room 8)

Sources of Volatile Organic Compounds and their Emissions

Co-Chairpersons:

H. Özkaynak, Dr., Cambridge (USA)

M. Sonneborn, Dr., Berlin (D)

Presentations (5 min. each):

- Gustafsson H.N.O.
Proposal of an „Euro Chamber“ for Testing Formaldehyde and Other Indoor Air Pollutants
- Levin H.
A Procedure Used to Evaluate Building Materials and Furnishings for a Large Office Building
- Ohrbach K.-H., Matuschek G., Kettrup A.
Pyrolysis of Polymeric Materials for Construction, Room Decoration and Insulation
- Reist P.C., Reaves J.C., White J.B.
Developmental Status of the Indoor Air Source Emissions Database
- Rothweiler H., Knutti R., Schlatter C.
Formaldehyde in Indoor Air
- Sheldon L.S., Michael L.C., Pellizzari E.D., Wallace L.
Use of a Portable Gas Chromatograph for Identifying Sources of Volatile Organics in Indoor Air
- van der Wal J.F., Moons A.M.M., Steenlage R.
Thermal Insulation as a Source of Air Pollution
- White J.B., Leaderer B.P., Boone P.M., Hammond S.K.
Characterization of Particle and Organic Emissions from Unvented Kerosene Space Heaters
- Wolkoff P., Nielsen G.D.
Carbonless Copy Paper as a Potential Non-Building Indoor Irritant

16:30

Break

17:00

Discussion at Poster Walls (Area A 2)

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15:15

Poster Session, Saal 9 (Room 9)

Odours, Irritants and Formaldehyde

Co-Chairpersons:

T. Engen, Professor, Providence (USA)

M. Hangartner, Dr., Zürich (CH)

Presentations (5 min. each):

- Ahlstrom R., Berglund B., Berglund U., Engen T., Lindvall T.
Odor Perception in Smokers, Non-Smokers and Passive Smokers
- Arundel A., Collett C., Sterling E., Steeves J.
Low Relative Humidity and Eye, Nose, Throat and Skin Irritation
- Berglund B., Berglund U., Högman L., Johansson I., Lindvall T.
The Psychophysics of Formaldehyde Odor
- Cain W.S.
A Functional Index of Human Sensory Irritation
- Crump D.R., Gardiner D.
Sources and Concentrations of Aldehydes and Ketones in Indoor Environments in the U.K.
- Engen T.
Adaptation to Odors
- Howlett Jr. C.T., Newton L.R., Stevens K.R.
Formaldehyde: A Case Study
- Keller R., Hümpel P.
Air and Water Analysis of Formaldehyde and of Other Aldehydes
- Konopinski V.J.
Formaldehyde Sensitivity and Control
- Marutzky R.
Formaldehyde Injuries in Prefabricated Houses: Causes, Prevention and Reduction
- Meyer C.B., Endrödy E., Sundin B., Månsson B.
Variations of Formaldehyde Exposure in Homes and Office Buildings
- Raab K.H.
Risk Assessment of Odor Counteraction
- Stray H., Oehme M.
Convenient Method for Determination of Sub-ppb to ppm Levels of C₁-C₅ Aldehydes Using Solid Adsorbent Sampling

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- Witek Jr. T.J., Schachter E.N., Tosun T., Leaderer B., Beck G.J.
Assessment of Acute Pulmonary Effects of Formaldehyde in an Environmental Chamber Test Facility

16:45 **Break**

17:15 Discussion at Poster Walls (Area H 2)

15:15 **Workshop, Saal 10 (Room 10)**

The Danish Town Hall Study

Leader: P. Skov, Dr., Copenhagen (DK)

- Franck C., Skov P.
Objective Signs of Eye Irritation in Buildings Suspected of Causing Indoor Climate Problems
 - Valbjørn O., Skov P.
Influence of Indoor Climate on the Sick Building Syndrome Prevalence
 - Nielsen P.A.
Potential Pollutants - Their Importance to the Sick Building Syndrome and Their Release Mechanism
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18:00 **Introducing the New President, Saal 3 (Hall 3)**

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8:00 **Symposia Summeries, Saal 3 (Hall 3)**
(Symposia of Thursday Morning)
Chair: B. Berglund, Dr., Stockholm (S)

Plenary Lectures, Saal 3 (Hall 3)

8:30 **Public Policy Implications of Exposure
to Indoor Pollution**
K. Sexton, Dr., Washington (USA)

9:00 **Assessing the Relative Risk of Indoor
Exposures and Hazards, and Future Needs**
Th. Lindvall, Professor, Stockholm (S)

10:00 **Poster Session, Saal 4/5 (Room 4/5)**

Combustion Gases:

Exposure and Health Effects

Co-Chairpersons:

W. Jędrychowski, Professor, Cracow (PL)
J. Spengler, Professor, Boston (USA)

Presentations (5 min. each):

- Houthuijs D., Remijn B., Brunekreef B.,
de Koning R.
Exposure to Nitrogen Dioxide and Tobacco
Smoke and Respiratory Health of Children
- Jędrychowski W., Tobiasz-Adamczyk B.,
Mróz E., Gomola K.
What Effect Does Indoor Air Pollution due to
Domestic Cooking Have on the Chest Problems
of Elderly Women?
- Lewtas J., Claxton L.D., Mumford J.L.
Human Exposure to Mutagens from Indoor
Combustion Sources
- McCarthy S.M., Yarmac R.F., Yocom J.E.
Indoor Nitrogen Dioxide Exposure: The
Contribution from Unvented Gas Space Heaters
- Morandi M.T., Stock T.H.
The Estimation of Personal Exposure to
Residential Gaseous Air Pollutants
- Quraishi T., Todd J.
Effects of Domestic Wood-Burning on Indoor
Air Quality - An Overview

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- Ryan P.B., Spengler J.D., Treitman R.D., Soczek M.L., Yanagisawa Y., Wallace L.A., Billick I.H.
Nitrogen Dioxide Exposure in Greater Boston: Evaluation of Personal Monitoring

10:45 **Break**

11:15 Discussion at Poster Walls (Area C 3)

10:00 **Poster Session, Saal 6 (Room 6)**

Radon: Sources, Interactions and Reduction Measures

Co-Chairpersons:

L.S. Quindos Poncela, Professor, Albuquerque (USA)

R.G. Sextro, Dr., Berkeley (USA)

Presentations (5 min. each):

- Burkart W., Cramer R.
Increased Indoor Radon Levels Due to Actinide Containing Mineral Collections Displayed in Living Areas
- D'Ottavio T.W., Dietz R.N., Kunz C., Kothari B.
Radon Source Rate Measurements Using Multiple Perfluorocarbon Tracers
- Dundey C.S., Hawthorne A.R., Bull L.A., Cohen M.A., Daffron C.R., Orebaugh C.T., Harper J.P.
Radon Levels in 300 Houses in Roane County, Tennessee
- Hartwell T.D., Perritt R.L., Sheldon L.S., Cox B.G., Smith M.L., Rizzuto J.E.
Distribution of Radon Levels in New York State Homes
- Ikeda K., Yoshizawa S., Komine H., Kaminaka S., Abe S.
Experimental Studies on the Indoor Radon and Radon Daughter Concentrations Build-up in Japanese Houses
- Kokotti H., Raunemaa T.
Indoor Radon in Three Similar Two-Story Houses with Different Ventilation Systems

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- Kunz C.
Indoor Radon: The Diurnal Cycle
- Mocsy I., Fulea C., Simon K.
The Influence of Ventilation in Rooms upon the Effective Dose Equivalent from Inhalation of ^{222}Rn and their Short Lived Daughters
- Swedjemark G.A., Wahren H., Mäkitalo A., Tell W., Melander E.
Experiences from Indoor Radon-Daughter Limitation Schemes in Sweden
- Yokoyama S., Ochifuji K.
A Study of Indoor Radon and Radon Daughter Concentrations in Hokkaido, Japan

11:00 Break

11:30 Discussion at Poster Walls (Area E 2)

10:00 Poster Session, Saal 7 (Room 7)

**Environmental Tobacco Smoke:
Characterization and Field Studies**

Co-Chairpersons:

J.L. Repace, Dr., Washington (USA)
M.J. Suess, Dr., Copenhagen (DK)

Presentations (5 min. each):

- get paper
correlation
between
cancer
larger
range
2 part
manifolds
passive
misclassification*
- Coultas D.B., Samet J.M., Peake G.T., McCarthy J., Spengler J.
Reliability and Validity of Questionnaire Assessment of Involuntary Tobacco Smoke Exposure
 - Eudy L., Heavner D., Stancill M., Simmons J.S., McConnell B.
Measurement of Selected Constituents of Environmental Tobacco Smoke in a Winston-Salem, North Carolina Restaurant
 - Hammond S.K., Coghlin J., Leaderer B.P.
Field Study of Passive Smoking Exposure with Passive Sampler
 - Klus H., Begutter H., Ball M., Intorp M.
Environmental Tobacco Smoke in Real Life Situations

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- McCarthy J., Spengler J., Chang B.-H., Coultas D., Samet J.
A Personal Monitoring Study to Assess Exposure to Environmental Tobacco Smoke
- Moschandreas D.J., Sterling D.A., Gibbons R.D.
Perception of Daily Cigarette Consumption
- X • Reckendorf H.
Indoor Air Pollution through Smoking: A Challenge to Industrial Medicine
- Revsbech P., Korsgaard J., Lundqvist G.R.
Tobacco Smoking and the Indoor Suspended Particulate Matter
- Schlatter J., Wanner H.-U.
Strategies to Avoid Negative Health Effects of Passive Smoking
- Schmidt F.
Passive Smoking as a Scientific, Political, Juridical and Economic Problem
- Vu Duc T., Huynh C.K.
Sidestream Tobacco Smoke Constituents in Indoor Air Modelled in an Experimental Chamber
- W • Witorsch R., Witorsch P.
Maternal Smoking and Pulmonary Performance in Children: A Critical Analysis

11:00 Break

11:30 Discussion at Poster Walls (Area D 5)

12:30 **Symposia Summaries**, Saal 3 (Hall 3)
(Symposia of Thursday Afternoon)
Chair: B. Berglund, Dr., Stockholm (S)

13:00 End of Conference

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Social Programme

Sunday, 16 August 1987

18:00 - **Get-together Party**
20:00 International Congress Centre ICC Berlin
Dachgarten (Roof Garden)

Monday, 17 August 1987

18:00 Departure by coach from the ICC Berlin

19:00 **Reception given by the Senate of Berlin**
in the "Reichstag" Building
(former House of Parliament)

Return by coach to hotels in the city center
and ICC.

Wednesday, 19 August 1987

Social: Indoorers go out

16:00 Departure by coach from ICC and hotels Bristol
Kempinski, Econtel, Excelsior, Novotel Airport.

We start by driving through part of "green" Berlin,
Grunewald Forest, to Berlin's famous recreational
lake, the Wannsee.

17:00 Departure by boat from the landing stages at
Wannsee Station (suburban trains S 1 and S 3).

We travel by ship on the River Havel to the old
quarter of the Spandau district. A short walk
brings us to the Spandau Citadel.

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Social Programme

19:30

Arrival at the Spandau Citadel.

We spend the evening together at the Spandau Citadel, a 16th century fortress. Hot and cold food specialties, wine and beer await you in a rustic setting. You will experience a taste of the city as it was centuries ago.

**From
22:00**

Return by coach to ICC and hotels in the city center.

Informal dress is suggested. As old fortresses tend to have been built without considering modern rules of air-conditioning, and no kerosene heaters will be provided for obvious reasons, bringing a warm sweater is highly recommended.

Contribution for Conference participants per person: DM 50.

For registered accompanying persons the evening is free.

Fee for non-registered guests per person: DM 90.

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Supporting Programme

In 1987, Berlin is commemorating its 750-year history as a city. A large number of special events (art and scientific exhibitions, music and city festivals) take place. Those who wish to participate at these events during the Conference or while staying a few days longer in Berlin, may obtain information about the programme of the "750-year Celebration" at the Registration Counter.

To book one of the following tours, please contact also the Registration Counter.

Sunday, 16 August 1987

16:30 -
18:00

City Sightseeing Tour of Berlin (West)

Early Birds can get an initial whiff of the famous "Berliner Luft", the Berlin atmosphere. During a short sightseeing tour through the centre of Berlin, you will get an introduction to the city, and a first impression of what you can expect in the coming days. You will return to the ICC in time for the Get-together Party.
Tour begins and ends at ICC.
Price per person: DM 22.

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Supporting Programme

Monday, 17 August 1987

- 14:00 – 17:00** **Big City Sightseeing Tour of Berlin (West)**
In a deluxe motor coach, you will see many of the highlights of Berlin as we drive through the city: Kurfürstendamm, Gedächtniskirche (Memorial Church), Schöneberg City Hall . . . We will visit the district of Kreuzberg and see the beautifully restored housing projects "Riehmers Hofgarten" and "Chamissoplatz", which have unique historical and architectural features. We will go on to see the Brandenburg Gate, the Reichstag, the Wall, Bellevue Palace, the Hansa Quarter, Charlottenburg Palace and the Olympic Stadium.
Tour begins and ends at ICC.
Price per person: DM 28.
-

Tuesday, 18 August 1987

- 9:30 – 16:00** **Berlin historic**
Our excursion begins with a visit to the Martin-Gropius-Building. Its 40 rooms currently house an exhibition of the history of Berlin, from its beginnings in the early 13th century up to the present day. This is the main historical exhibition of the "750-year Celebration", which offers a comprehensive picture of the varied political and cultural development of what was once Germany's capital. After a guided tour of the exhibition, we will enjoy a light lunch in the museum restaurant. To round-out and complement our museum visit, we will take a city sightseeing tour in the afternoon through Berlin (West), which will highlight the cultural and historical sights of the city. This tour will be led by specially trained and knowledgeable guides, one whose special area is the history of Berlin, the other is an expert who will inform you about the Martin-Gropius-Building and its current exhibition.
Tour begins at ICC and ends at ICC or hotels in the city centre.
Price per person: DM 98.

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Supporting Programme

Tuesday, 18 August 1987

20:00

"Zauber Zauber" Theater des Westens

The art of magic was still a popular entertainment and cultural attraction during the first half of this century, and had its own theatres and international celebrities. But this art is slowly dying out in a world in which pragmatism, science and rationality have become ever more important.

The magic show "Zauber Zauber" brings back this almost forgotten tradition to its audience.

"Zauber Zauber" is something more than simple entertainment, though it is indeed fascinating entertainment. It is the revival of an old cultural and historical tradition, and the art of believing in "miracles".

Price per person: DM 42.

Wednesday, 19 August 1987

8:30 -
13:00

City Sightseeing Tour Berlin (East)

We will visit the historical centre of Berlin and be introduced to the city during a guided bus tour. Many historical buildings have been restored in time for the "750-year Celebration". During our sightseeing trip, you will see such famous buildings as the State Opera House, Humboldt University, the Museum of German History (formerly the Zeughaus), the City Hall, the Cathedral . . . The tour includes a visit to the Pergamon Museum which houses the famous Pergamon Altar, the Market Gate of Milet, and the Ishtar Gate of ancient Babylonia.

Tour begins and ends at ICC.

Price per person: DM 46.

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Supporting Programme

Thursday, 20 August 1987

- 8:30 - 19:00** **Excursion to Potsdam**
We will travel by deluxe motor coach to Potsdam, the city which best reflects the brilliance of Prussian history in many different periods. After a city sightseeing tour, we will visit Sanssouci Park and Palace; Palace Cecilienhof, where the Potsdam Agreement was signed; and either the New Palace or Charlottenhof Palace. During our excursion, we will have lunch together at a typical local restaurant, and enjoy a popular German custom, "coffee and cake", at one of Potsdam's cafes in the afternoon.
Tour begins at ICC and ends at ICC or hotels in the city centre.
Price per person: DM 105.
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- 9:30 - 12:30** **Visit to the Dahlem Museum**
We will go by deluxe motor coach to the Dahlem Museum, located in Berlin's elegant suburban district Dahlem. The collection of the Picture Gallery is one of the most important in Germany and contains masterpieces from the 13th to 18th centuries. One of the most beautiful collections is of 17th century Dutch painting, with works of Rembrandt, Vermeer, Frans Hals, Rubens and van Dyck.
The Sculpture Gallery collection contains many masterpieces of the occidental art tradition, including an early Christian Byzantine collection, sculpture from the early and middle Medieval period, important examples of miniature art, and a collection of 19th century sculpture.
We will be guided through the Dahlem Museum in small groups by expert museum guides.
Tour begins and ends at ICC.
Price per person: DM 26.

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Supporting Programme

Friday, 21 August 1987

**9:00 -
13:00**

Royal Porcelain KPM

We will drive to the "Königliche Porzellan Manufaktur (KPM)". It is the second oldest porcelain manufacturing company in Germany founded in 1751. During our tour through the factory, the manufacturing and production process of fine porcelain will be shown and explained. The porcelain creations of the KPM from the Art Nouveau period through the 1930's will be particularly emphasized.

Not far from the KPM, a "Historical Fair" has been created as part of the "750-year Celebration". The history of Berlin amusements and entertainment has been called to life again and can be enjoyed in this re-creation of old Berlin: Kaiser Wilhelm's target shooting gallery, the Laterna Magica, the Circus at the Brandenburg Gate, and many lovingly restored stands and rides.

You may stroll through the Fair as long as you like, or return with us to the ICC or your hotel.

Tour begins at ICC and ends at ICC or hotels in the city centre.

Price per person: DM 26.

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General Information

Venue of the Conference

Internationales Congress Centrum ICC Berlin (West)
Messedamm 22 (Entrance Neue Kantstraße)
D-1000 Berlin 19
Telephone: (030) 30 38-31 58

Registration Counter/Conference Secretariat during the Conference

The Registration Counter is located on the "blue" side in the entrance hall of the ICC Berlin and is open at the following hours:

Sunday, 16 August 1987 15:00 - 20:00 hours
Monday, 17 August 1987 until
Thursday, 20 August 1987 8:00 - 18:00 hours
Friday, 21 August 1987 8:00 - 13:00 hours

The Registration Counter provides all kinds of support for travel arrangements, room reservations and information concerning the city's cultural events.

After the Conference, the address of the Conference Secretariat will be the usual one:

CPO Hanser Service GmbH
Schaumburgallee 12
D-1000 Berlin 19
Telephone: (030) 305 31 31
Telefax: (030) 305 73 91
Telex: 186 111 cpo d

Official Carrier

PAN AM is the official airline of
INDOOR AIR '87.

Conference Fees

Participant	DM 750
Author (one per paper)	DM 350
Accompanying Person (without access to Scientific Sessions)	DM 150

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General Information

Name Tags

Conference participants are requested to wear their name tags at all times within the ICC, since admission to all events will be controlled. The colours of the tags have the following meaning:

Yellow:	Conference participant
Blue:	Chairman, Symposium Organizer
Green:	Accompanying person
Red:	Staff

Conference Language

The official language of the Conference is English. A simultaneous translation into and from German is provided for all events in Hall 3.

Proceedings

The Proceedings of the Conference are printed in 4 volumes. One full set is delivered free of charge to every fully registered participant. Additional sets may be obtained at the Registration Counter for DM 124 each. Volumes will not be sold separately.

List of Participants

A list of participants is enclosed in the Conference material. A supplement will be available at the Registration Counter on Friday, 21 August 1987.

Poster Sessions

A short oral introduction (5 min.) of each poster at a session will be given in the respective lecture hall. The subsequent discussion of the session's posters will take place in one of the areas from A to H, where posters will be on permanent display. To identify the location of the different areas, please refer to the information sheet included in your Conference material.

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General Information

Submission of Slides

All speakers are kindly requested to submit their slides to the Slide Check which is next to the Registration Counter. Slides should be delivered at least two hours before the beginning of the respective session. They should be collected on the same day until 18:00 hours.

Overheads should be kept by the speakers to be presented from the podium.

Exhibition

The Conference is augmented by an Exhibition of equipment, scientific instrumentation and special products, which is in the foyer of Hall 3. Visiting of the Exhibition is highly recommended to the participants. Opening hours are daily from 8:30 to 18:00 hours. A list of exhibitors is contained in this Programme.

Social and Supporting Programmes

Tickets for the Social Programme and the Supporting Programme are available at the Registration Counter.

Food and Beverages

Together with the Conference material, participants receive eight vouchers for coffee or tea. These vouchers may be used at any of the snack bars of the ICC:

- Meeting Point Bar in the entrance hall next to the Registration Counter,
- Conference Bar in the foyer of Hall 3 in the Exhibition area,
- Coffee booth in the main foyer next to the poster area.

During lunch time, snacks are available at the Conference Bar in the foyer of Hall 3. In addition, the ICC offers a self-service restaurant ("Nipkow") in the entrance hall behind the Registration Counter, and the more fashionable "Pullmann" restaurant. The Registration Counter is at your disposition for a list of restaurants outside the ICC.

At the time of printing of this Programme, the possibility of spending your lunch break outdoors on the Roof Terrace was not excluded. Please try!

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General Information

Smoking

Smoking is not allowed in the lecture halls. In addition, the Organizing Committee kindly requests all participants to totally refrain from smoking during the Conference. Wouldn't it be a nice occasion to give up smoking completely?

Bank and Post Office

The Sparkasse der Stadt Berlin (West) (West Berlin Savings Bank) operates a branch office on the "blue" side in the entrance hall of the ICC. The office provides all major bank services under the usual conditions. Opening hours are as follows:
Monday - Friday: 9:00 - 18:00 hours
Saturday: 9:00 - 13:00 hours

On the "red" side of the entrance hall of the ICC, you will find a branch office of the Federal Post. Opening hours are as follows:
Monday - Friday: 9:00 - 13:00 hours

Telephone

Public telephones for local and long distance national and international calls are located at various places in the ICC. Calls may also be made from the Post Office.

Message Board

A Message Board is located in the foyer of Hall 3.

Cloakrooms/Luggage

The cloakrooms are located on the "blue" side in the entrance hall. You are kindly requested to pay for the fee. Luggage may be stored for short periods.

First Aid

A first aid room is located in the entrance hall, next to the exit to the car park. The internal telephone number is 3184.

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General Information

Cars and Parking

Cars may be parked in the car park of the ICC. You can reach the entrance to the car park from Kurfürstendamm/Rathenauplatz or from the south via the "Avus" and "Stadtring" motorways. The parking fee is DM 4 per day; please have your parking ticket stamped at the Information Desk in the entrance hall.

Public Transportation/Taxi

Berlin has a well-developed public transportation network based on buses, underground and suburban trains.

The ICC is linked to the downtown area by bus no. 94 (other buses passing by the ICC are nos. 4, 10 and 65). To reach the ICC by underground (Linie U1 to the Kaiserdamm Station) or by the suburban train (Linie S3 to the Westkreuz Station), requires a short walk.

There will be no Conference shuttle buses to the ICC.

Bus no. 9 is an express airport bus with direct connections to the major downtown hotels.

There is a special taxi ramp at the arrival level of the ICC. Please, contact one of the hostesses at the Information Desk of the ICC if you need a taxi.

A taxi ride from the ICC to the airport costs approximately DM 18, while a ride to the downtown area costs around DM 15.

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Exhibitors

Antechnika Analytische Geräte GmbH
Nobelstr. 3, D-7505 Ettlingen

Bioclimatic GmbH
Rodenberger Allee 30, D-3052 Bad Nenndorf

Biocontrol
Postfach 16 30, D-6500 Mainz

Brüel & Kjaer GmbH
Birkenweg 3 - 5, D-2085 Quickborn

Burgert Product
Obere Mangfallstr. 13, D-8208 Kolbermoor

Deha - Haan & Wittmer GmbH
Birkenstr. 37, D-7259 Friolzheim

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